

NATIONAL PROGRESS REPORT ON NUCLEAR SECURITY

FEDERAL REPUBLIC OF NIGERIA

1. Legislative and Regulatory Framework and Support the Universality of the CPPNM and ICSANT

- The **Draft Nuclear Safety, Security and Safeguards Bill (Bill)**, was passed by the House of Representatives and is awaiting concurrence of the Senate. The main objective of this Bill is to assure fulfillment of Nigeria's international and national Nuclear Safety, Security and Safeguards obligations by domesticating relevant international treaties recently ratified by Nigeria. These include the **Convention on the Physical Protection of Nuclear Material (CPPNM)**. Nigeria also developed the Nigerian Safety regulation for Siting Nuclear Power Plants. Furthermore, efforts are ongoing for the ratification of the **International Convention for the suppression of Acts of Nuclear Terrorism (ICSANT)**

2. Regional and International Cooperation

- At the ECOWAS Sub Regional level, Nigeria has taken the initiative to raise awareness about the nuclear security objectives of the 2012 Seoul Summit. Nigeria invited ECOWAS Ambassadors to a meeting in Abuja in March 2011 in respect of this initiative. This was followed by a consultative meeting of IAEA ECOWAS Member State delegations at the margins of the IAEA General Conference in September 2011 in Vienna, hosted by the Nigerian delegation.

3. Contribution to the IAEA's Nuclear Security-Related Activities

- Nigeria as a member of the IAEA has made annual contributions to the Agency and participated at the annual IAEA General Conferences and other IAEA activities. Nigeria has also over the years participated in the process of United Nations Resolutions making

5. Support Nuclear Security-Related International Initiatives

- The participation of President Goodluck Jonathan at the April 2010 Nuclear Security Summit in April 2010 in Washington DC, USA, was a demonstration of Nigeria's commitment at the highest political level, to national, regional and global efforts at preventing nuclear terrorism and ensuring nuclear security. Nigeria endorsed the Programme of Action adopted at the Washington Summit and has been implementing measures in support of the programme. Nigeria amongst other things, committed to preventing access to nuclear materials for malicious purposes and the emplacement of an adequate Safety, Security and Safeguards Regime. Nigeria shall participate at the highest level at the 2nd Nuclear Security Summit in Seoul, South Korea in March 2012. Nigeria has also participated at all the Sherpa Meetings in Argentina 2010, Helsinki 2011 and New Delhi 2012.

6. HEU to LEU Core Conversion Programme

- Nigeria is cooperating with the IAEA, USA and China in Core Conversion Experiments from HEU to LEU for its Research Reactor.

7. Strengthening Physical Security of Radioactive Material

- Nigeria is cooperating with the IAEA and the USA on the upgrading of physical security of nuclear and radiological facilities in Nigeria. In this regard amongst others, the upgrade of physical security has been implemented at all the radiotherapy facilities with Co-60 sources, the Gamma Irradiation Facility, the Nigeria Research Reactor-1 and the Radioactive Waste Management Facility

10. Enhanced Efforts in Combating Illicit Trafficking

- Nigeria participates actively in the IAEA Illicit Trafficking Database (ITDB). In 2010, Nigeria procured three (3) Radiation Portal Monitors (RPM) for installation at 3 entry points. These are to complement the RPM earlier installed in an entry port in 2009.

11. Search and Secure Programme

- Nigeria has also developed programme of searching for and securing of orphan and legacy radioactive sources, which commenced in 2010. Orphan sources discovered during this exercise have been moved to the Radioactive Waste Management Facility for temporary storage. In year 2011 the search and secure programme was further extended across the country and is continuing.